L Number	Hits	Search Text	DB	Time stamp
1	2	("5930630").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/24 08:50
-	1	("4750028").PN.	USPAT	2002/01/14 11:55
-	2	jp-02142184-$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/14 11:57
-	1	de-19604043-$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/14 11:57
-	2	(("4573066") or ("4633292")).PN.	USPAT	2002/01/14 11:57
-	2	jp-08078661-$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/14 11:57
-	2	jp-01272152-$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/14 13:55
-	2	(("4573066") or ("4633292")).PN.	USPAT	2002/01/14 12:00
-	502	magnetoresistor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/14 13:55
-	12775	magnetoresist$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/14 13:55
-	5	magnetoresist$4 and (vertical$2 adj power$2 adj transistor$1 IGBT)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/14 13:59
-	0	magnetoresist$4 and (Float$3 near guard$3 near ring$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/14 15:45
-	42	Float$3 near guard$3 near ring$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/14 14:18
-	4	space adj charge adj zone adj stop$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/15 09:29
-	0	(resist$5 near edge with voltag$2) and magnetoresist$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/14 14:24

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-	85	resist$5 near edge with voltag$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/14 14:32
-	8064	magneto adj resist$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/14 14:34
-	3	(magneto adj resist$4) and ("42")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/14 14:35
-	0	(magneto adj resist$4) and (Float$3 near guard$3 near ring$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/14 14:35
-	295	(257/170,490,495).CCLS.	USPAT	2002/01/14 15:40
-	495	(257/170,490,495).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/28 10:49
-	1	(magnetoresist$4 (magneto adj resist$4)) and (("257/170,490,495").CCLS.)	USPAT	2002/01/14 15:43
-	1	(magnetoresist$4 (magneto adj resist$4)) and (("257/170,490,495").CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/14 15:44
-	1149	(257/487-496).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/14 15:44
-	2	(magnetoresist$4 (magneto adj resist$4)) and (("257/487-496").CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/14 15:45
-	0	(magnetoresist$4 (magneto adj resist$4)) and (Float$3 with guard$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/14 15:46
-	754	Float$3 with guard$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/14 15:46
-	306	(magnetoresist$4 (magneto adj resist$4)) and (257/$ 438/$)	USPAT	2002/01/14 15:47
-	0	6274904.URPN.	USPAT	2002/01/14 15:50
-	3	("4370180" | "5164325" | "6037631").PN.	USPAT	2002/01/14 15:50
-	2	("4963951" | "5920087").PN.	USPAT	2002/01/14 16:09
-	0	6236068.URPN.	USPAT	2002/01/14 16:09
-	4	5920087.URPN.	USPAT	2002/01/14 16:10
-	21	4963951.URPN.	USPAT	2002/01/14 16:11

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—	12	("3697830" | "4199774" | "4300150" | "4364073" | "4409606" | "4443931" | "4503598" | "4529456" | "4532534" | "4587713" | "4609929" | "4639761").PN.	USPAT	2002/01/14 16:18
—	0	6236068.URPN.	USPAT	2002/01/14 16:12
—	2	("4963951" | "5920087").PN.	USPAT	2002/01/14 16:12
—	346	((magnetoresist$4 (magneto adj resist$4)) and (257/$ 438/$)) 6274904.URPN. (("4370180" | "5164325" | "6037631").PN.) (("4963951" | "5920087").PN.) 6236068.URPN. 5920087.URPN. 4963951.URPN. (("3697830" | "4199774" | "4300150" | "4364073" | "4409606" | "4443931" | "4503598" | "4529456" | "4532534" | "4587713" | "4609929" | "4639761").PN.) 6236068.URPN. (("4963951" | "5920087").PN.)	USPAT	2002/01/14 16:20
—	2	de-4410354-$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/14 16:52
—	58	4300150.URPN.	USPAT	2002/01/14 17:02
—	1	"4190850".PN.	USPAT	2002/01/14 17:02
—	58	4300150.URPN.	USPAT	2002/01/14 17:02
—	1	"4190850".PN.	USPAT	2002/01/14 17:02
—	59	4300150.URPN. "4190850".PN. 4300150.URPN. "4190850".PN.	USPAT	2002/01/15 09:19
—	11	damage adj implanted adj region	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/15 09:27
—	1	("5521105").PN.	USPAT	2002/01/15 09:30
—	16	"4609929"	USPAT	2002/01/15 09:31
—	1	("4609929").PN.	USPAT	2002/01/15 09:32
—	0	("vertical adj power adj transistor").PN.	USPAT	2002/01/15 09:32
—	85	vertical adj power adj transistor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/01/15 09:40
—	1	6037631.URPN.	USPAT	2002/01/15 09:33
—	3	("5008725" | "5723890" | "5757046").PN.	USPAT	2002/01/15 09:33
—	1	("5930630").PN.	USPAT	2002/01/15 09:40
—	2	5930630.URPN.	USPAT	2002/01/15 09:56
—	5	("5119153" | "5250449" | "5286586" | "5460986" | "5663079").PN.	USPAT	2002/01/15 09:56
—	1	("6236068").PN.	USPAT	2002/01/15 10:13
—	2	5646431.URPN.	USPAT	2002/01/15 10:08
—	11	("4300150" | "4717679" | "4777521" | "4990982" | "5019522" | "5023678" | "5089871" | "5258636" | "5294824" | "5311051" | "5378912").PN.	USPAT	2002/01/15 10:08

–	4	(("5521105") or ("4300150") or ("5347155") or ("4609929")).PN.	USPAT	2002/01/15 10:14
–	4	5521105.URPN.	USPAT	2003/01/27 14:34
–	8	("4300150" | "4717679" | "4777521" | "4990982" | "5019522" | "5258636" | "5311051" | "5378912").PN.	USPAT	2002/05/22 15:39
–	3	5347155.URPN.	USPAT	2002/01/15 10:13
–	4	("4300150" | "4422089" | "4943835" | "5034790").PN.	USPAT	2002/01/15 10:14
–	15	4609929.URPN.	USPAT	2002/01/15 10:14
–	3	("4048649" | "4300150" | "4344081").PN.	USPAT	2002/01/15 10:14
–	58	4300150.URPN.	USPAT	2002/01/15 10:14
–	1	"4190850".PN.	USPAT	2002/01/15 10:14
–	79	(5521105.URPN. (("4300150" | "4717679" | "4777521" | "4990982" | "5019522" | "5258636" | "5311051" | "5378912").PN.) 5347155.URPN. (("4300150" | "4422089" | "4943835" | "5034790").PN.) 4609929.URPN. (("4048649" | "4300150" | "4344081").PN.) 4300150.URPN. "4190850".PN.) NOT ((((("5521105") or ("4300150") or ("5347155") or ("4609929")).PN.))	USPAT	2002/01/15 10:59
–	2	5883413.URPN.	USPAT	2002/01/15 10:37
–	3	("4300150" | "4989058" | "5635742").PN.	USPAT	2002/01/15 10:37
–	3133	IGBT	USPAT	2002/01/15 10:59
–	1092	IGBT and 257/$	USPAT	2002/01/15 10:59
–	3	thumb adj wrestl$3	USPAT	2002/01/15 12:35
–	1	("6329919").PN.	USPAT	2002/01/15 14:08
–	2883	chrome with titanium	USPAT	2002/01/15 14:10
–	714	chrome with titanium with alloy$1	USPAT	2002/01/15 14:11
–	2908	guard near ring$1	USPAT	2002/05/22 15:48
–	1426	(guard near ring$1) and (438/$ 257/$)	USPAT	2002/05/22 15:43
–	1424	guard adj ring$1 and ((guard near ring$1) and (438/$ 257/$))	USPAT	2002/05/22 15:52
–	1	("4468686").PN.	USPAT	2002/05/22 15:49
–	497	(257/170,490,495).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/22 15:51
–	146	guard adj ring$1 and ((257/170,490,495).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/23 08:39
–	1	("5521105").PN.	USPAT	2002/05/23 08:39
–	2	guard adj ring$1 and ((257/170,490,495).CCLS.) and ring$1 with island$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/23 08:49

–	42	guard adj ring$1 and ring$1 with island$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/23 08:51
–	40	(guard adj ring$1 and ring$1 with island$1) not (guard adj ring$1 and ((257/170,490,495).CCLS.) and ring$1 with island$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/23 09:05
–	13	DEBOY-GERALD DEBO-GREGORY-F	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/05/23 09:06
–	7	DEBOY-GERALD DEBO-GREGORY-F	US-PGPUB	2002/05/23 09:06
–	6	DEBOY-GERALD DEBO-GREGORY-F	USPAT; EPO; JPO; DERWENT; IBM_TDB	2002/05/23 09:07
–	8	5521105.URPN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/27 14:38
–	2	("5521105").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/27 14:43
–	8	5521105.URPN.	USPAT	2003/01/27 14:39
–	8	("4300150" | "4717679" | "4777521" | "4990982" | "5019522" | "5258636" | "5311051" | "5378912").PN.	USPAT	2003/01/27 14:39
–	1	("6462372").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/27 14:59
–	5	(("3405329") or ("4468686")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/28 09:15
–	1	inventive adj edge adj structure	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/28 09:18
–	28	high adj voltage with edge adj structure	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/28 09:18
–	529	(257/170,490,495).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/28 10:49
–	2991	edge with high near (volt voltage)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/28 10:51
–	19	((257/170,490,495).CCLS.) and (edge with high near (volt voltage))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/23 15:11

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-	15	5324971.URPN.	USPAT	2003/01/28 10:55
-	6	("4492974" | "4567502" | "4707719" | "4831424" | "5128730" | "5162966").PN.	USPAT	2003/01/28 10:55
	44	(US-4609929-$ or US-5072268-$ or US-5559348-$ or US-6274904-$ or US-6037631-$ or US-5510634-$ or US-4414560-$ or US-3999210-$ or US-5128742-$ or US-5028548-$ or US-6259085-$ or US-5032878-$ or US-5324971-$ or US-5382825-$ or US-4532534-$ or US-4300150-$ or US-5994189-$ or US-5925910-$ or US-5917217-$ or US-5610432-$ or US-5920087-$ or US-6168983-$ or US-6037632-$ or US-5969400-$ or US-5519245-$ or US-6236068-$).did. or (US-6207994-$ or US-6242787-$ or US-6252279-$ or US-4963951-$ or US-6110804-$ or US-5883413-$ or US-5294824-$ or US-5347155-$ or US-5521105-$ or US-5723895-$ or US-5646431-$ or US-5583365-$ or US-5023678-$ or US-5930630-$).did. or (DE-19730328-$).did. or (JP-02113581-$).did. or (US-6037631-$ or DE-19730328-$).did.	USPAT; EPO; JPO; DERWENT	2003/06/23 10:48
-	10	((US-4609929-$ or US-5072268-$ or US-5559348-$ or US-6274904-$ or US-6037631-$ or US-5510634-$ or US-4414560-$ or US-3999210-$ or US-5128742-$ or US-5028548-$ or US-6259085-$ or US-5032878-$ or US-5324971-$ or US-5382825-$ or US-4532534-$ or US-4300150-$ or US-5994189-$ or US-5925910-$ or US-5917217-$ or US-5610432-$ or US-5920087-$ or US-6168983-$ or US-6037632-$ or US-5969400-$ or US-5519245-$ or US-6236068-$).did. or (US-6207994-$ or US-6242787-$ or US-6252279-$ or US-4963951-$ or US-6110804-$ or US-5883413-$ or US-5294824-$ or US-5347155-$ or US-5521105-$ or US-5723895-$ or US-5646431-$ or US-5583365-$ or US-5023678-$ or US-5930630-$).did. or (DE-19730328-$).did. or (JP-02113581-$).did. or (US-6037631-$ or DE-19730328-$).did.) and edge near2 (structure device)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/23 10:54
-	0	(((257/170,490,495).CCLS.) and edge near2 (structure device)) and (magnetoresist$4 same edge near2 (structure device))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/23 15:16
-	6	(438/$6 257/$6) and (magnetoresist$4 same edge near2 (structure device))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/23 15:17
-	43	((257/170,490,495).CCLS.) and edge near2 (structure device)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/23 17:10
-	65506	magneto nearresist$4 same edge near2 (structure device)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/23 15:19

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-	6	magneto near resist$4 same edge near2 (structure device)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/23 15:20
-	29	magnetoresist$4 same edge near2 (structure device)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/23 16:12
-	6	(("3405329") or ("4468686")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/23 16:13
-	198	(IGBT mosfet near vertical) and edge near2 (structure device)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/23 17:34
-	3	("5969400").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/24 08:50